CITY OF NORFOLK DEPARTMENT OF UTILITIES APPENDIX F-1 – SITE PLAN SUBMISSION DESIGN CHECK-LIST

Project Title:	
1. Virginia registered engineer's sta	
	4"x36" paper. Drawing organization and format comply with Section 7 of th
Department of Utilities Design as	d Construction Standards.
	Site Plan Notes and applicable standard details are provided on the plans.
4. Domestic water meter calculation	s are shown on plans where applicable in accordance with A.W.W.A. Manual
" diameter line is requi	ed to adequately serve this project in accordance with City Standards.
a. Average Domestic Design Flor	
b. Peak Hour Domestic Flow	
c. Design Fire Flow	
d. Total Design Peak Flow	
e. Residual Pressure at Total Des	
5. Sanitary Sewer Analysis is shown	on sewer shed map.
" diameter line is requi	ed to adequately serve this project in accord with the City Standards.
a. Average Daily Flow**	
b. Design Peak Flow	
** If the average daily flow is	greater than or equal to 40,000 GPD, a HRSD Flow Acceptance Certificat
application shall be submitte	d with the site plan. Application information can be found at
6. If this is a phased project, overall	water and sewer plans have been submitted for approval.
7. The sewer drawings include static	ning, pipe size, material, bearings, direction of flow, deflection angles, grade an
distance between centerline of m	inholes. Benchmarks are shown every 500 feet.
	included (where applicable). Note: The maximum velocity through a pipe sha
-	Williams coefficient (c-factor) shall be 120 for new, 110 for existing VC and 10
	imum residual pressure of 20 psi shall be maintained in the City system.
9. Adequate fire hydrant spacing an	
	r water mains cross other utilities, these crossings are profiled, and the means for
crossing and resolving any confli	· · · · · · · · · · · · · · · · · · ·
	nections to the property are shown on plans.
	eemed necessary have been identified and an exhibit plat has been submitted wit
the plans.	
	ial Quantities to be used and the latest Material Notes are shown on the plans.
-	s provided on domestic and fire service connections; the device shall be installe
on private property.	
I have marriaged this Charlest for a course	arrand banchy contify that the viotan and/on service plane as submitted have been
	cy and hereby certify that the water and/or sewer plans as submitted have been deads. Weterwords Pagulations and Savarage Pagulations (which was is more
	andards, Waterworks Regulations and Sewerage Regulations (whichever is mor I for completeness and accuracy and are herewith submitted for approval.
restrictive). The plans have been reviewe	Tor completeness and accuracy and are nerewith submitted for approvar.
	P.E.
Signature	Certificate Number
Name Typed or Printed	Date

